IN THE CLAIMS

1. (Currently Amended) A computer-implemented method for enforcing policy over a computer network, the method comprising:

defining a template, the template including a ~~set~~ first subset of ~~vectors;~~ vectors in a topological vector space, the topological vector space including at least one vector not in the template;

assigning a policy to the computer network;

monitoring a content stream on the computer ~~network;~~ network to construct an impact summary including a second subset of the vectors in the topological vector space; and

enforcing the policy when the ~~content stream~~ impact summary is within a threshold distance of the template.

2. (Original) A method according to claim 1, wherein assigning a policy includes assigning a policy to limit bandwidth on the computer network for content in the content stream within the threshold distance of the template.

3. (Original) A method according to claim 1, wherein assigning a policy includes assigning a policy to limit access to a document on the computer network within the threshold distance of the template.

4. (Original) A method according to claim 1, wherein monitoring a content stream includes monitoring metadata of the content stream.

5. (Original) A method according to claim 1, wherein monitoring a content stream includes:

monitoring a portion of the content stream on the computer network; and

extrapolating how close the entire content stream is to the template from the portion of the content stream.

6. (Canceled)

7. (Currently Amended) A computer-readable medium containing a program operable on a computer to enforce policy over a computer network, the program comprising:

definition software to define a template, the template including a ~~set~~ first subset of ~~vectors;~~ vectors in a topological vector space, the topological vector space including at least one vector not in the template;

assignment software to assign a policy to the computer network;

monitoring software to monitor a content stream on the computer ~~network;~~ network to construct an impact summary including a second subset of the vectors in the topological vector space; and

enforcement software to enforce the policy when the ~~content stream~~ impact summary is within a threshold distance of the template.

8.   (Original)   A program according to claim 7, wherein the assignment software includes assignment software to assign a policy to limit bandwidth on the computer network for content in the content stream within the threshold distance of the template.

9.   (Original)   A program according to claim 7, wherein the assignment software includes assignment software to assign a policy to limit access to a document on the computer network within the threshold distance of the template.

10.   (Original)   A program according to claim 7, wherein the monitoring software includes monitoring software to monitor metadata of the content stream.

11.   (Original)   A program according to claim 7, wherein the monitoring software includes:

monitoring software to monitor a portion of the content stream on the computer network; and

extrapolation software to extrapolate how close the entire content stream is to the template from the portion of the content stream.

12.   (Canceled)

13.   (Currently Amended) An apparatus for enforcing policy over a computer network, the apparatus comprising:

a computer;

a template stored in the computer, the template including a ~~set~~ first subset of ~~vectors;~~ vectors in a topological vector space, the topological vector space including at least one vector not in the template;

a policy associated with the template;

a monitor installed in the computer adapted to monitor a content stream in the computer ~~network;~~ network to construct an impact summary including a second subset of the vectors in the topological vector space; and

a policy enforcer adapted to enforce the policy when the monitor determines the ~~content stream~~ impact summary to be within a threshold distance of the template.

14.   (Original)   An apparatus according to claim 13, wherein the monitor is adapted to monitor metadata about the content stream.

15.   (Original)   An apparatus according to claim 14, wherein the metadata about the content stream includes a percentage of the network dedicated to the content stream.

16.   (Original)   An apparatus according to claim 13, wherein the monitor is adapted to monitor only a portion of the content stream on the computer network and extrapolate how close the entire content stream is to the template from the portion of the content stream.

17.   (Canceled)

18.   (Canceled)

19.   (Canceled)

20.   (Canceled)

21.   (New) A method according to claim 1, wherein enforcing the policy includes: measuring a distance between the impact summary and the template; and enforcing the policy if the distance is less than the threshold distance.

22.   (New) A method according to claim 21, wherein measuring a distance includes using a Hausdorff distance function to measure the distance between the impact summary and the template.

23.   (New) A program according to claim 7, wherein the enforcement software includes:

measurement software to measure a distance between the impact summary and the template; and

enforcement software to enforce the policy if the distance is less than the threshold distance.

24.   (New) A program according to claim 23, wherein the measurement software includes measurement software to use a Hausdorff distance function to measure the distance between the impact summary and the template.

25.   (New) An apparatus according to claim 1, wherein:

the policy enforcer includes a distance measurer to measure a distance between the impact summary and the template; and

the policy enforcer is adapted to enforce the policy if the distance is less than the threshold distance.

26.   (New) An apparatus according to claim 25, wherein the distance measurer includes a Hausdorff distance measurer to use a Hausdorff distance function to measure the distance between the impact summary and the template.